CARLOTTA MONTORSI

Personal Information

Date of Birth: January 23rd, 1996
Place of Birth: Turin, Italy
Nationality: Italian

Contact Information

University of Turin
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CURRENT POSITION

University of Turin   Turin, Italy
Department of Economics and Statistics
Post-Doctoral Researcher/Assegnista di ricerca   *Sept. 2024 - Nov. 2025*

Project*: Machine Learning and AI Methods for Modeling Massive Admin Data on Work and Health Biographies for Predicting Career Events*
Supervisor*: Roberto Leombruni*

DOCTORAL STUDIES

LISER/University of Luxembourg   Belval, Luxembourg
*Ph.D. in **Computational Social Sciences** (Double Degree)*   *2020 - 2024*
Supervisors*: Alessio Fusco, Philippe Van Kerm, Stéphane Bordas*

Insubria University   Varese, Italy
*Ph.D. in **Economics***   *2020 - 2024*
Supervisor*: Chiara Gigliarano*

University of Exeter   Exeter, United Kingdom
Visiting Researcher, Department of Economics   *March - June 2023*
Supervisor*: Dario Sansone*

PRE-DOCTORAL STUDIES

Bocconi University   Milan, Italy
M.Sc. in Economics and Social Sciences   *2017 - 2019*

Bocconi University   Milan, Italy
B.Sc. in Management   *2014 - 2017*

RESEARCH EXPERIENCE AND OTHER EMPLOYMENT

The World Bank   Remote
International Technical Consultant, Education Global Practice   *April 2024 - ongoing*

Insubria University   Varese, Italy
Research Assistant, Economics Department   *2019 - 2020*

Reiner Lemoine Institute   Berlin, Germany
Intern, Off-Grid Systems Research Unit   *March 2019 - August 2019*

TEACHING EXPERIENCE

Introduction to Machine Learning, University of Luxembourg   Winter 2023
Joint with Professor Philippe Van Kerm

RESEARCH INTERESTS

Big Data Analytics, Labour Economics, Economics of Discrimination, Economics Statistics

PEER-REVIEWED PUBLICATIONS

Montorsi C., Gigliarano C. (2024),'Spatial Comprehensive Well-Being Composite Indicators Based on Bayesian Latent Factor Model: Evidence from Italian Provinces' **Social Indicators Research**

Montorsi C., Fusco A., Van Kerm P., Bordas S. (2024),'Predicting Depression in Old Age: Combining Life Course Data with Machine Learning' **Economics & Human Biology**
Media Coverage: Wort.lu; Science.lu; Luxembourg Digital Week

Figari F., Fiorio C., Gandullia L., Montorsi C. (2020), 'The resilience of the Italian social protection system at the beginning of COVID-19 crisis: territorial evidence' **Journal of Economic Policy**

SELECTED ONGOING PROJECTS

Small Pictures, Big Biases: The Adverse Effects of an Airbnb Anti-discrimination policy with Garbers, J. (Since January 2022)

The Old Folks at Home: Parental Retirement and Adult Children well-being with Clark, A. *Revise and Resubmit*

POLICY WORK

Figari F., Montorsi C. (2020) **LombardMOD 2016-2019: un modello di microsimulazione fiscale per la regione Lombardia**
Figari F., Montorsi C. (2020) **LigurMOD 2016-2019: un modello di microsimulazione fiscale per la regione Liguria**

ACADEMIC ACTIVITIES

Invited presentations

- CMStatistics, Berlin, Germany — 2023
- University of Antwerp, CSB Lunch Seminar — 2023

Conference, Seminar and workshops

- CCA Occasional Seminar, Turin, Italy — 2024
- CLOSER seminar series, Turin, Italy — 2024
- 36th EALE Conference, Bergen, Norway — 2024
- 37th ESPE Conference, Rotterdam, the Netherlands — 2024
- III LABORatorio Revelli Biannual Workshop, Turin, Italy — 2023
- LISER Internal Seminar Series, Luxembourg — 2023
- 10th ECINEQ Meeting, Aix-en-Provence, France — 2023
- Competence Centre for Data Science and Simulation (DSS), Belval, Luxembourg — 2023
- LIVES Workshop 'Cognition, decisions and wellbeing in later life', Losanna, Switzerland — 2022
- 7th SHARE User Conference, Bled, Slovenia — 2022
- STATEC-Well Being Conference, Luxembourg — 2022
- Ph.D. Conference in Social Sciences, Belval, Luxembourg — 2022
- IRSEI Brown-Bag Seminar, Belval, Luxembourg — 2022
- Machine Learning Seminar, Faculty of Science and Technology, Luxembourg — 2021

Training

- Canazei Winter School on Inequality and Social Welfare   2023/2024
- Luxembourg Income Study (LIS) Summer Work-shop   2021
- SEAI Spatial Econometrics Summer School   2021
- InGRID-2 Winter school 'Recent advances in poverty and inequality research'   2021
- Introduction to EUROMOD: Tax and benefit microsimulation models for EU-28   2020

Refereeing Activity:

- Peer-reviewed: *The Italian Journal of Economic, Demographic and Statistical Studies*; *Social Indicators Research*

COMPUTER SKILLS

Advanced: **R, Python, Stata, LaTeX**
Intermediate: **High Performance Computing (HPC), EUROMOD**

Office Suite: proficient in Word, Excel, and PowerPoint.

LANGUAGES

Italian (Native), **English C1** (Proficient), **Spanish B2** (Advanced)